Internet access system through the Wireless Network of the University of Bologna

Printable service summary document: the updated version is available online at the following address http://www.unibo.it/almawifi

A WPA security access system has been implemented on every access point according to the requirements of WI-FI Alliance, which guarantees complete encryption of all the traffic flows. In more detail, the WPA system has been configured with TKIP and EAP (IEEE 802.1x) standards, where active directory users of the University DSA are validated by a centralized Radius Server.

We remind you that user credentials should be activated by setting a personal password via the following website https://www.dsa.unibo.it

For further information about connection problem please consult FAQ ALMAWIFI at http://www.unibo.it/almawifi

Client configuration using Linux Ubuntu

The operating system must be Ubuntu 7.10 or later; this OS automatically recognizes if the network you are joining uses WEP or WPA, and it gives you the correct prompt.

Click on the network-manager-gnome application button that will appear on the Ubuntu toolbar. Choose "**Enable Wireless**"

In the same menu, be sure you select **ALMAWIFI:**

If the Ubuntu version installed on your computer is _**Hardy**_ (8.04), the "**Passphrase Required by Wireless Network**" window will appear. You will need to enter the appropriate configuration settings for the **ALMAWIFI** network detailed below:

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- Wireless Security: **WPA Enterprise**
- EAP Method: **PEAP**
- Key Type: **Automatic (Default)**
- Identity:
  - **name.surname@unibo.it** for staff of University
  - **name.surname@studio.unibo.it** for students of University
- Password will be your password

Click **Login to Network**.

If the Ubuntu version installed on your computer is ***Intrepid Ibex*** (8.10), the "**Authentication required by wireless network**" window will appear. You will need to enter the appropriate configuration settings for the **ALMAWIFI** network detailed below:

Authentication required by wireless network

Passwords or encryption keys are required to access the wireless network 'ALMAWIFI'.

Wireless Security:	WPA & WPA2 Enterprise
Authentication:	Protected EAP (PEAP)
Anonymous Identity:	
CA Certificate:	(None)
PEAP Version:	Version 0
Inner Authentication:	MSCHAPv2
User Name:	name.surname@
Password:	●●●●●●●●

☐ Show password

Select **Version 0**

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[Cancel] [Connect]

The "**No Certificate Authority certificate chosen**" window will appear; select "**Don't warn me again**" and "**Ignore**":

When you are connected the network-manager-gnome icon at the top right of your desktop will turn black and the message of "**Connection Established**" will appear: